BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

BBMP/2024-25/OW/WORK_INDENT3450

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

lo:EE/YNK-D/E-PMT/04/2024-25 Dated: 12-07-202

APPROVED TENDER SCHEDULE - B

Item-01

Name of Work:-Construction of Concrete Roads and Drains at Basavalingappa Nagara Colony

Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
1	Dismantling chain link fencing including removing the posts, cement concrete fedestals, foundation and stacking the useful materials safely at a distance to the appropriate disposal area as per direction of Engineer-in-charge.	Kgs	2926.22	24.92	TwentyFour Paise NinetyTwo Only
2	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness. (i) By Manual Means a) In area of light jungle	Sqm	76.14	1271.10	One Thousand Two Hundred SeventyOne Paise Ten Only
3	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth.	Cum	628.09	338.73	Three Hundred ThirtyEight Paise SeventyThree Only
4	Providing and laying in position plain cement concrete Mix 1:3:6 Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	Cum	99.24	6784.88	Six Thousand Seven Hundred EightyFour Paise EightyEight Only
5	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	163.24	7238.03	Seven Thousand Two Hundred ThirtyEight Paise Three Only
6	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates.	Cum	83.48	7536.89	Seven Thousand Five Hundred ThirtySix Paise EightyNine Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
7	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates,	Cum	49.01	7393.33	Seven Thousand Three Hundred NinetyThree Paise ThirtyThree Only
8	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	8.51	12202.00	Twelve Thousand Two Hundred Two Only
9	Providing and laying in Cement Concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates,	Cum	13.06	11011.69	Eleven Thousand Eleven Paise SixtyNine Only
10	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates,	Cum	14.58	13179.02	Thirteen Thousand One Hundred SeventyNine Paise Two Only
11	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates,	Cum	1.22	12403.7900	Twelve Thousand Four Hundred Three Paise SeventyNine Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
12	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	2.06	11628.55	Eleven Thousand Six Hundred TwentyEight Paise FiftyFive Only
13	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification.	Tonne	11.69	101344.94	One Lakh One Thousand Three Hundred FourtyFour Paise NinetyFour Only
14	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures	Tonne	5.01	89510.77	EightyNine Thousand Five Hundred Ten Paise SeventySeven Only
15	Providing and Fixing Precast Cement Concrete Drain Covering Slab of 100mm thickness of concrete grade M20 and fixing with Cement Mortor 1:4 including cost of labour, lead, lift, loading & unloading, curing etc., as per the directions of engineer in-chrage.	Sqm	238.50	2133.95	Two Thousand One Hundred ThirtyThree Paise NinetyFive Only
16	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. as directed by the Engineer in Charge of the work.	Nos	589.00	522.16	Five Hundred TwentyTwo Paise Sixteen Only
17	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	79.50	123.49	One Hundred TwentyThree Paise FourtyNine Only
18	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm	531.23	1394.59	One Thousand Three Hundred NinetyFour Paise FiftyNine Only
19	Providing and laying in position plain cement concrete Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates	Cum	8.08	7072.63	Seven Thousand SeventyTwo Paise SixtyThree Only
20	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	1063.15	401.04	Four Hundred One Paise Four Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
21	Providing 15 mm cement plaster with cement mortar 1:3 (1 cement:3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	57.20	414.64	Four Hundred Fourteen Paise SixtyFour Only
22	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	1063.15	60.04	Sixty Paise Four Only
23	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives with pure Acrylic Resin, UV resistant, dirt & pick up resistant, Alkali & Water resistant of required shade: New work (Two coats applied @ 1.43 L/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	1063.15	201.65	Two Hundred One Paise SixtyFive Only
24	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 L/10 m² over and including one coat of Special primer applied @ 0.75 L/10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (The gloss should be 50% @ 60 degree angle with 10 years life)	Sqm	57.20	179.00	One Hundred SeventyNine Only
25	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2 including pointing in white cement mixed with pigment of matching shade complete.	Sqm	48.38	1252.98	One Thousand Two Hundred FiftyTwo Paise NinetyEight Only
26	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in- Charge.	Kgs	283.50	154.07	One Hundred FiftyFour Paise Seven Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
27	Providing & fixing of louvered ventilator made out of multi chambered UPVC (Matching to RAL-9016) sections and with minimum TiO2 (Titan um Dioxide) at 6PHR with TPE Thermo Plastic Elastomer) and lead free with gaskets grey colour having isolated drainage and reinforced with Galvanized Iron profile through out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm. Maximum possible size 1000mm x1000mm The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made	Sqm	1.08	6479.00	Six Thousand Four Hundred SeventyNine Only
28	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	m	17.10	360.26	Three Hundred Sixty Paise TwentySix Only
29	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges. do- with both side prelam.	Sqm	4.73	2680.42	Two Thousand Six Hundred Eighty Paise FourtyTwo Only
30	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	12.6000	189.19	One Hundred EightyNine Paise Nineteen Only
31	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground	Each	1.00	5446.11	Five Thousand Four Hundred FourtySix Paise Eleven Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
32	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (Above 450m of drilling add 10% for every 50m depth) a) 0.00 to 50.00 mtrs	Rmtr	50.00	381.06	Three Hundred EightyOne Paise Six Only
33	b) 50.00 to 100.00 mtrs	Rmtr	50.00	477.87	Four Hundred SeventySeven Paise EightySeven Only
34	c) 100.00 to 150.00 mtrs	Rmtr	50.00	507.74	Five Hundred Seven Paise SeventyFour Only
35	d) 150.00 to 200.00 mtrs	Rmtr	50.00	589.10	Five Hundred EightyNine Paise Ten Only
36	e) 200.00 to 250.00 mtrs	Rmtr	50.00	691.06	Six Hundred NinetyOne Paise Six Only
37	f) 250.00 to 300.00 mtrs	Rmtr	50.00	762.13	Seven Hundred SixtyTwo Paise Thirteen Only
38	g)300.00 to 350.00 mtrs	Rmtr	30.00	893.95	Eight Hundred NinetyThree Paise NinetyFive Only
39	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty.	Rmtr	60.00	1990.80	One Thousand Nine Hundred Ninety Paise Eighty Only
40	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work. For 12.50 HP - 90 LPM @ 264 m = 24 STG Outlet Dia - 2.00"	Nos	1.00	66045.43	SixtySix Thousand FourtyFive Paise FourtyThree Only
41	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per IS-694:1990. 3C x 6.0Sqm	Mtr	580.00	252.33	Two Hundred FiftyTwo Paise ThirtyThree Only
42	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50mm dia	Each	1.00	1287.38	One Thousand Two Hundred EightySeven Paise ThirtyEight Only
43	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Nos	1.00	1287.38	One Thousand Two Hundred EightySeven Paise ThirtyEight Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
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44	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union	Nos	1.00	274.98	Two Hundred SeventyFour Paise NinetyEight Only
45	Providing, Laying and Fixing of GI pipes conforming to IS 1239:1990 with latest amendments complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever necessary, including testing for water tightness, with all lead and commissioning. (contractor will make his own arrangements for procuring water for testing) For:Heavy Duty GI Pipe etc. complete. Light Duty GI pipe of 50mm dia	Mtr	260.00	455.22	Four Hundred FiftyFive Paise TwentyTwo Only
46	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union	Each	1.00	274.98	Two Hundred SeventyFour Paise NinetyEight Only
47	Supply, installing,testing and commissioning COMMON control panel consisting of the following INCOMING:1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1 No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrcal Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Indoor type NOTE: 1) DOL- Direct Online Starter 2) S-D- Star Delta Starter etc. complete.6 to 15 HP pumps	Each	1.00	16375.41	Sixteen Thousand Three Hundred SeventyFive Paise FourtyOne Only
48	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work.	Job	1.00	6694.35	Six Thousand Six Hundred NinetyFour Paise ThirtyFive Only
49	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. F) 20" x 20" x 2.5"	Each	1.00	335.88	Three Hundred ThirtyFive Paise EightyEight Only
50	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work.	Job	1.00	1493.36	One Thousand Four Hundred NinetyThree Paise ThirtySix Only
51	Earthing: Suppluing and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts,nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia.	Job	1.00	3614.95	Three Thousand Six Hundred Fourteen Paise NinetyFive Only
52	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.	Each	1.00	3180.33	Three Thousand One Hundred Eighty Paise ThirtyThree Only
53	Supply and delivery at site brand new best make starter/ control panel suitable for following HP centrifugal pump confirming with ISI mark and its latest amendments. 10 to 12 HP centrifugal pump.	Each	1.00	36715.94	ThirtySix Thousand Seven Hundred Fifteen Paise NinetyFour Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
54	Yield testing of borewells at final depth with a minimum of 10 hours continuously with the help of pump testing unit including the cost of transportation charges, crew charges and cost of consumables.	Each	1.00	16793.55	Sixteen Thousand Seven Hundred NinetyThree Paise FiftyFive Only
55	Supplying of TPST with rewirable porcelain channels in SM enclosure. Made out of 14 SWG powder coated paint of approved colour. 32A	Nos	1.00	1751.86	One Thousand Seven Hundred FiftyOne Paise EightySix Only
56	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC Group 'A'	Nos	3.00	530.40	Five Hundred Thirty Paise Fourty Only
57	Supplying & fixing of Porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers.	Each	6.00	412.99	Four Hundred Twelve Paise NinetyNine Only
58	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. Flat.....with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40 x 40 x 6 mm .(Per leg 2. 5MtrX2 Nos legs)-5.00 Mtr Per Box	Rmtr	5.00	314.12	Three Hundred Fourteen Paise Twelve Only
59	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, Above 12.5 HP upto 25 HP	Nos	1.00	9026.04	Nine Thousand TwentySix Paise Four Only
60	BESCOM Deposit charges and misc	LS	1.00	15000.00	Fifteen Thousand Only
61	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	2.00	5533.03	Five Thousand Five Hundred ThirtyThree Paise Three Only
62	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps	Each	1.00	3491.57	Three Thousand Four Hundred NinetyOne Paise FiftySeven Only
63	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Ltr	2000.00	10.20	Ten Paise Twenty Only
64	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes	Mtr	50.00	360.26	Three Hundred Sixty Paise TwentySix Only
65	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes	Mtr	50.00	453.16	Four Hundred FiftyThree Paise Sixteen Only

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	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri B R MOHAN	
				Rate	Rate in words
66	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber 150 x 100 mm size P type With Non Modular common burnt clay bricks of designation 3.5 & with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight or cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:	Each	3.00	2923.99	Two Thousand Nine Hundred TwentyThree Paise NinetyNine Only
67	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore.	Nos	1.00	621.96	Six Hundred TwentyOne Paise NinetySix Only
68	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) : 32 mm nominal bore.	Nos	1.00	677.47	Six Hundred SeventySeven Paise FourtySeven Only
69	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 32 mm nominal bore Vertical .	Nos	1.00	1047.92	One Thousand FourtySeven Paise NinetyTwo Only
70	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 25 mm nominal bore.	Nos	5.00	744.31	Seven Hundred FourtyFour Paise ThirtyOne Only
71	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required : 32 mm nominal bore.	Nos	5.00	744.31	Seven Hundred FourtyFour Paise ThirtyOne Only
72	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 g.	Nos	5.00	958.42	Nine Hundred FiftyEight Paise FourtyTwo Only
73	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 100 mm diameter.	m	50.00	329.67	Three Hundred TwentyNine Paise SixtySeven Only

Signature of the Contractor

Executive Engineer
Yelahanka Division
BBMP, Bengaluru-64
Bruhat Bangalore Mahanagara Palike
BANGALORE - 560064

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